

Title (en)
AQUEOUS POLYURETHANE RESIN AND POLYMER GRAFTED THEREON

Title (de)
WÄSSRIGES POLYURETHANHARZ UND DARAUF GEPFROPFTES POLYMER

Title (fr)
RESINE POLYURETHANNE AQUEUSE ET POLYMERES GREFFE SUR CELLE-CI

Publication
EP 0865456 B1 19990526 (EN)

Application
EP 96939903 A 19961122

Priority

- EP 9605168 W 19961122
- JP 31922795 A 19951207

Abstract (en)
[origin: WO9720874A1] To obtain water-based paint compositions which have outstanding storage stability and can also form paint films with outstanding appearance and water resistance. Water-based paint composition containing a hardener at 50-10 parts by weight to 50-90 parts by weight (solids) of an aqueous dispersion obtained by polymerising an aqueous dispersion of a polyurethane resin of a number-average molecular weight of 1000-50,000, an acid value from carboxyl groups of ≤ 50 mg KOH/g, a sulfonate group content of 0.05-0.6 mol/1000 g, an allyl content of 0.1-1.1 mol/molecule and an acetate tolerance of ≥ 5 in the aqueous dispersion with ethylenic unsaturated monomers in a proportion as a weight ratio of polyurethane resin/ethylenic unsaturated monomer of 5/95-60/40.

IPC 1-7
C08G 18/08; **C08G 18/67**; **C08F 290/06**; **C08F 283/00**

IPC 8 full level
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CPC (source: EP KR US)
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